

RIKEN Clone ID : IRAK048H18

Lot#: 7566_A6G6

Vector : pBluescriptR

Gene	FGFR2	
Accession No.	BC039243.1	3575 bp
	CDS	2115 bp

● Plasmid DNA purification

Date : 160706

Culture : LB (100 ug/ml Ampicillin) 5 ml -> at 37 deg C over night

Date : 160707

Purification : QIAGEN Miniprep kit -> dH₂O 100 ul

● Digestion by restriction enzyme/Concentration calibration

Date : 160707

DNA concentration (O.D.): 184 ng/ul

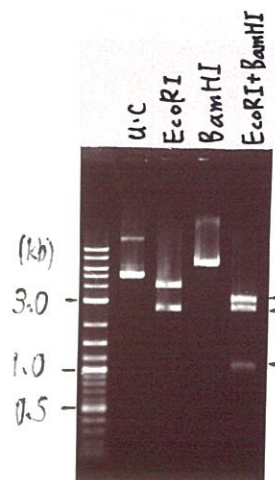
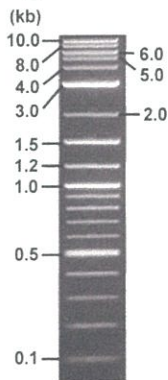
< Size of fragment expected from this clone >

DNA	0.5	ul
Enzyme (EcoRI + BamHI)	0.5 + 0.5	ul
Buffer H	1	ul
dH ₂ O	7.5	ul
Total	10	ul

EcoRI	3.8 , 2.6 kb
BamHI	6.4 kb
EcoRI + BamHI	2.8kb (Vector) 2.6, 1.0 kb

Electrophoresis : 1% agarose gel, 1x TAE Buffer

Marker : 2-Log DNA Ladder (NEB#N3200L)



● Adjust plasmid DNA solution to 25 ng/ul

Date : 160715

DNA (184 ng/ul)	80.0	ul
10x TE	58.9	ul
dH ₂ O	449.9	ul
Total	588.8	ul

● Confirmation of the insertion sequence

Date : 160715

Primer A	T7
Primer B	Reverse2
Primer C	poly(A) region primer #0
List of Sequencing Primers	http://dna.brc.riken.jp/en/GNPclone3en.html

● Shipping

Conc. : 25 ng/ul, Volume : 40 ul

Conc. : ng/ul, Volume : ul

APPROVED BY :

<http://dna.brc.riken.jp/index.html>

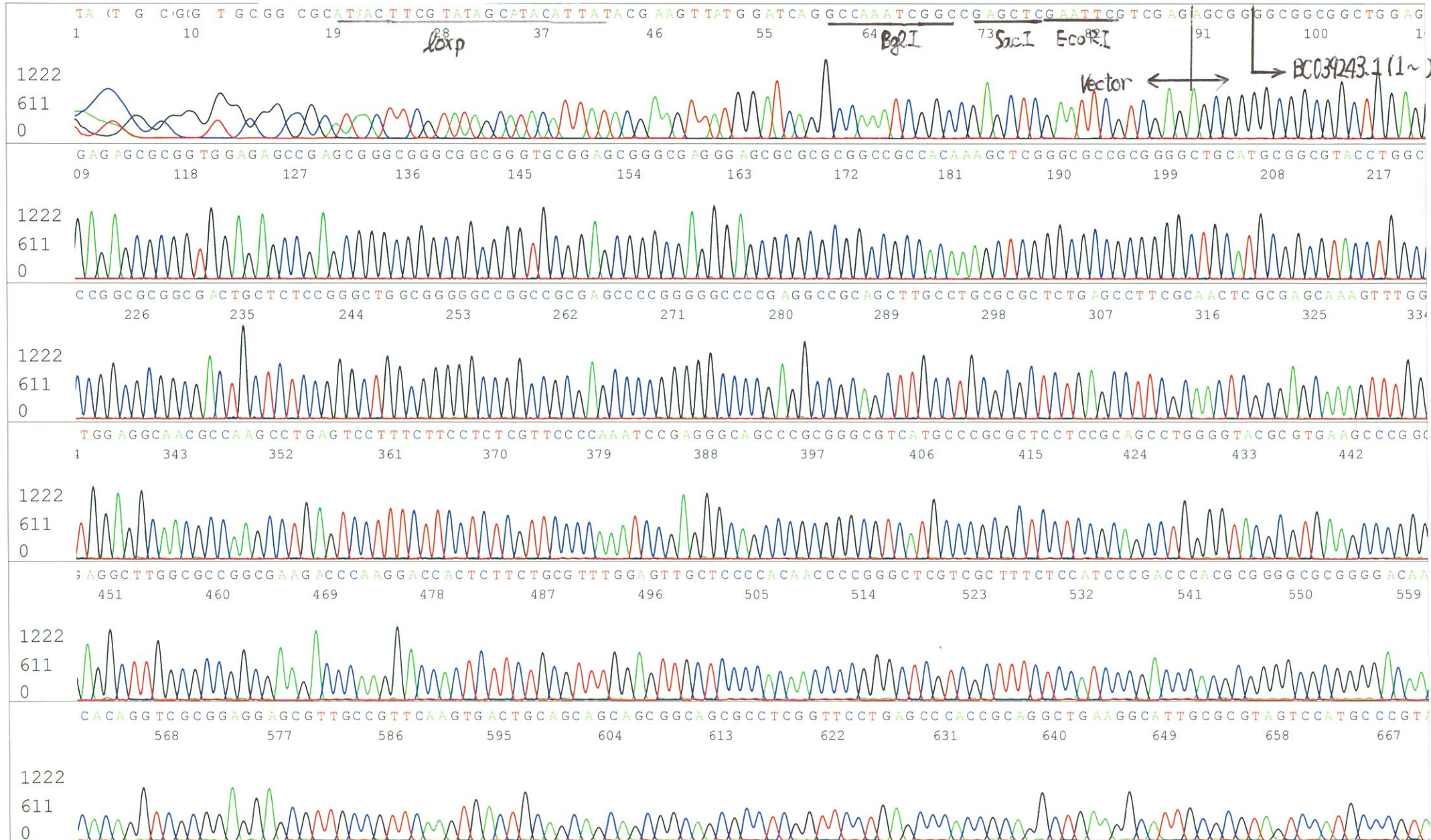


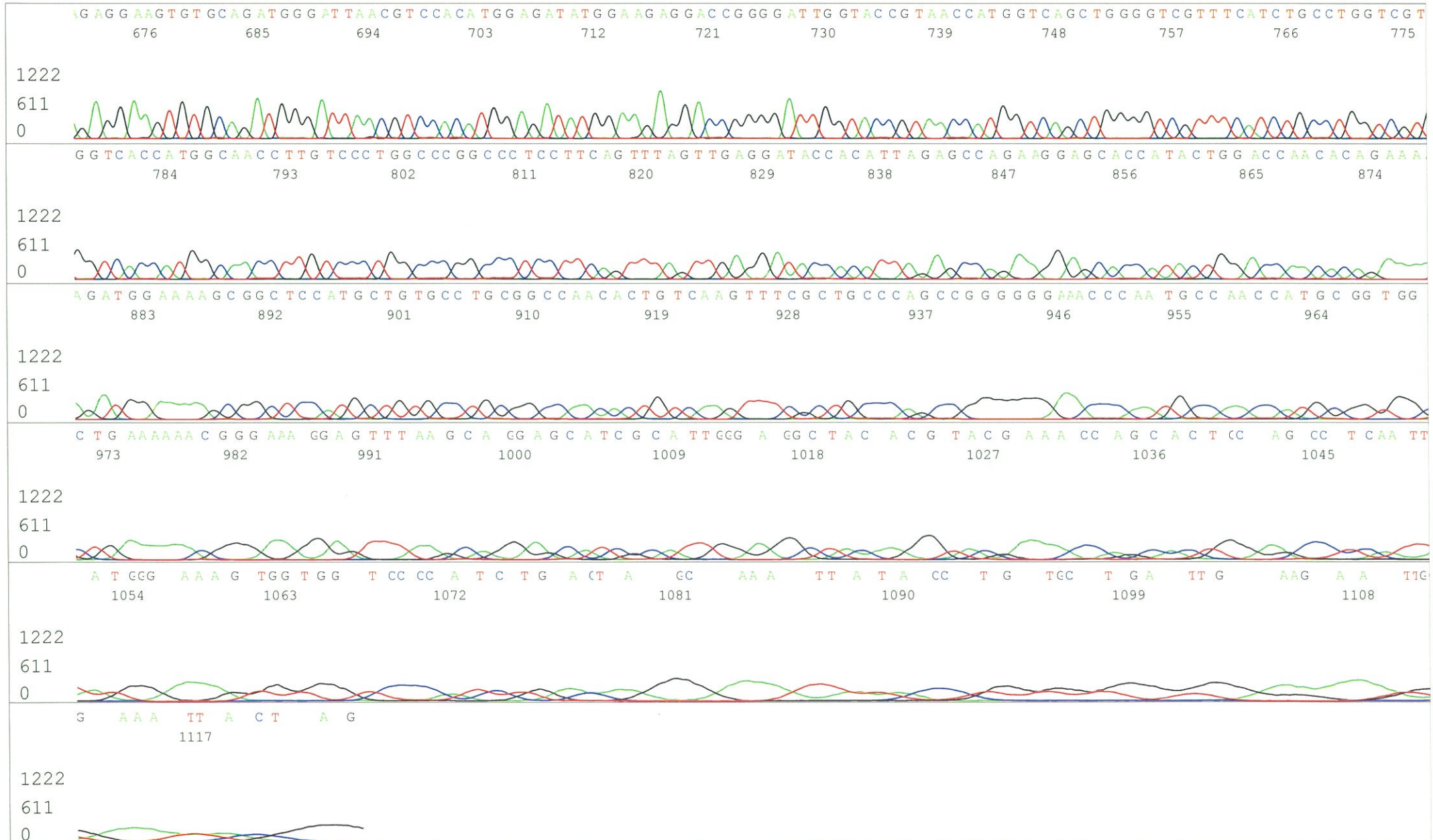
S/N G:768 A:485 T:454 C:943
KB.bcp
KB 1.4.1.8 Cap:1

Primer A : T7
5' TAATACGACTCACTATAGGG 3'

IRAK048H18_A6G6_T7_A07_01
IRAK048H18_A6G6_T7
KB_3500_POP7_BDTv3.mob
Pts 1490 to 12831 Pk1 Loc:1467
Version 6.0 HiSQV Bases: 991

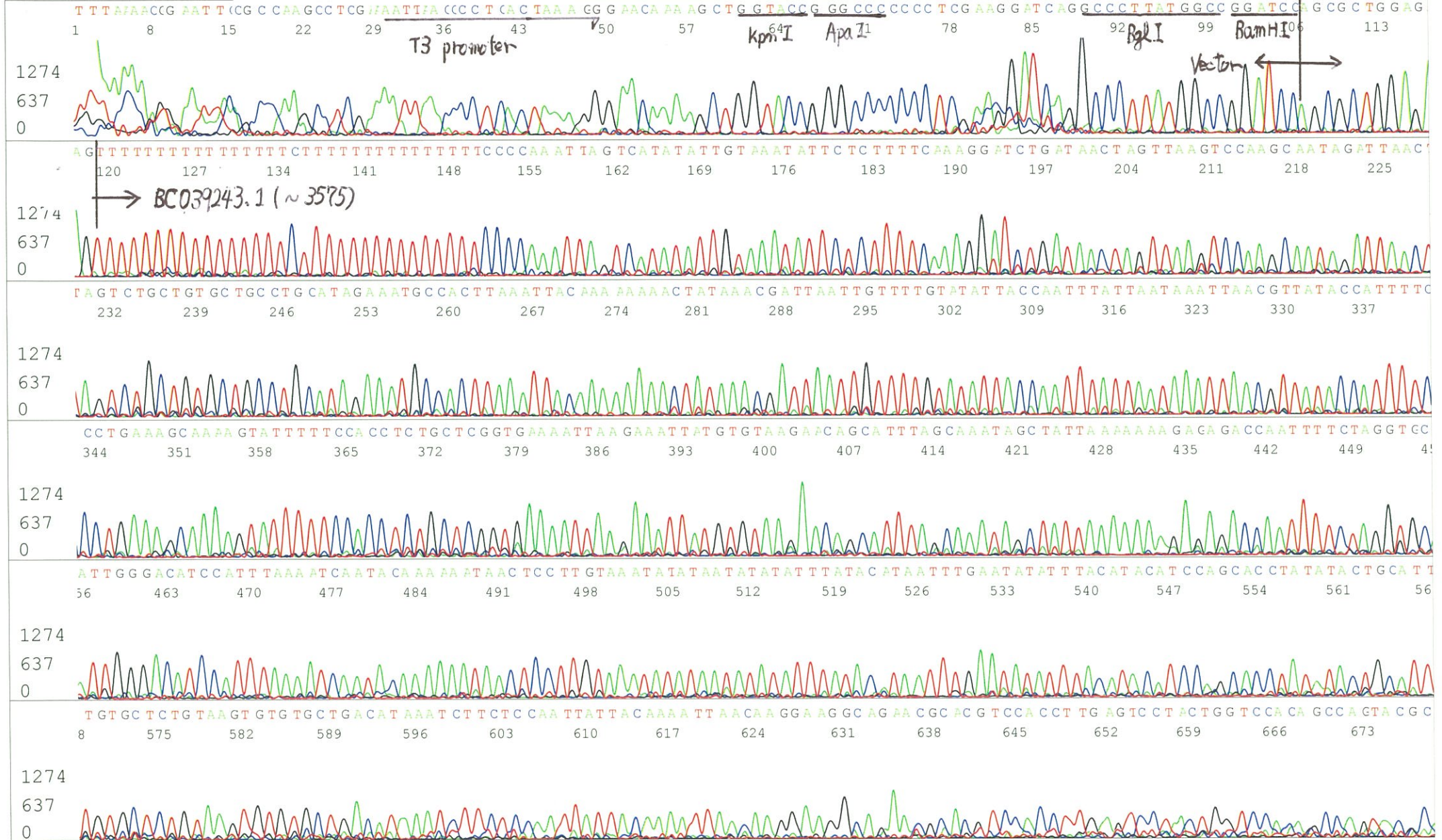
Inst Model/Name 3500/3500 Instrument
Jul 15,2016 10:05AM, JST
Jul 15,2016 10:31AM, JST
Spacing:11.36 Pts/Panel1350
Plate Name: 20160715_GNP



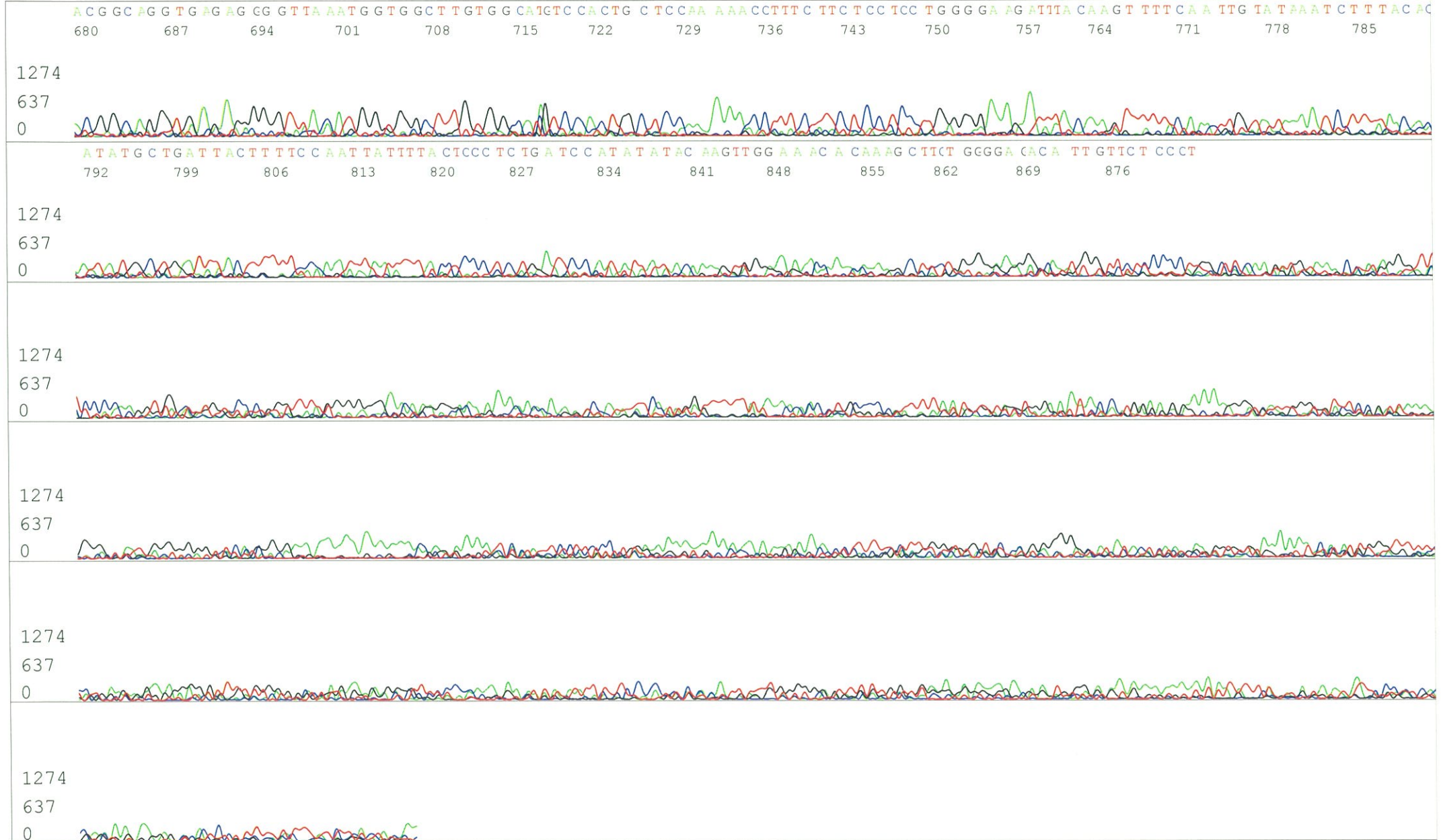


S/N G:7 A:9 T:8 C:7
KB.bcp
KB 1.4.1.8 Cap:16

Primer B : Reverse2
5' GCGGATAACAATTTTCACACAGG 3'

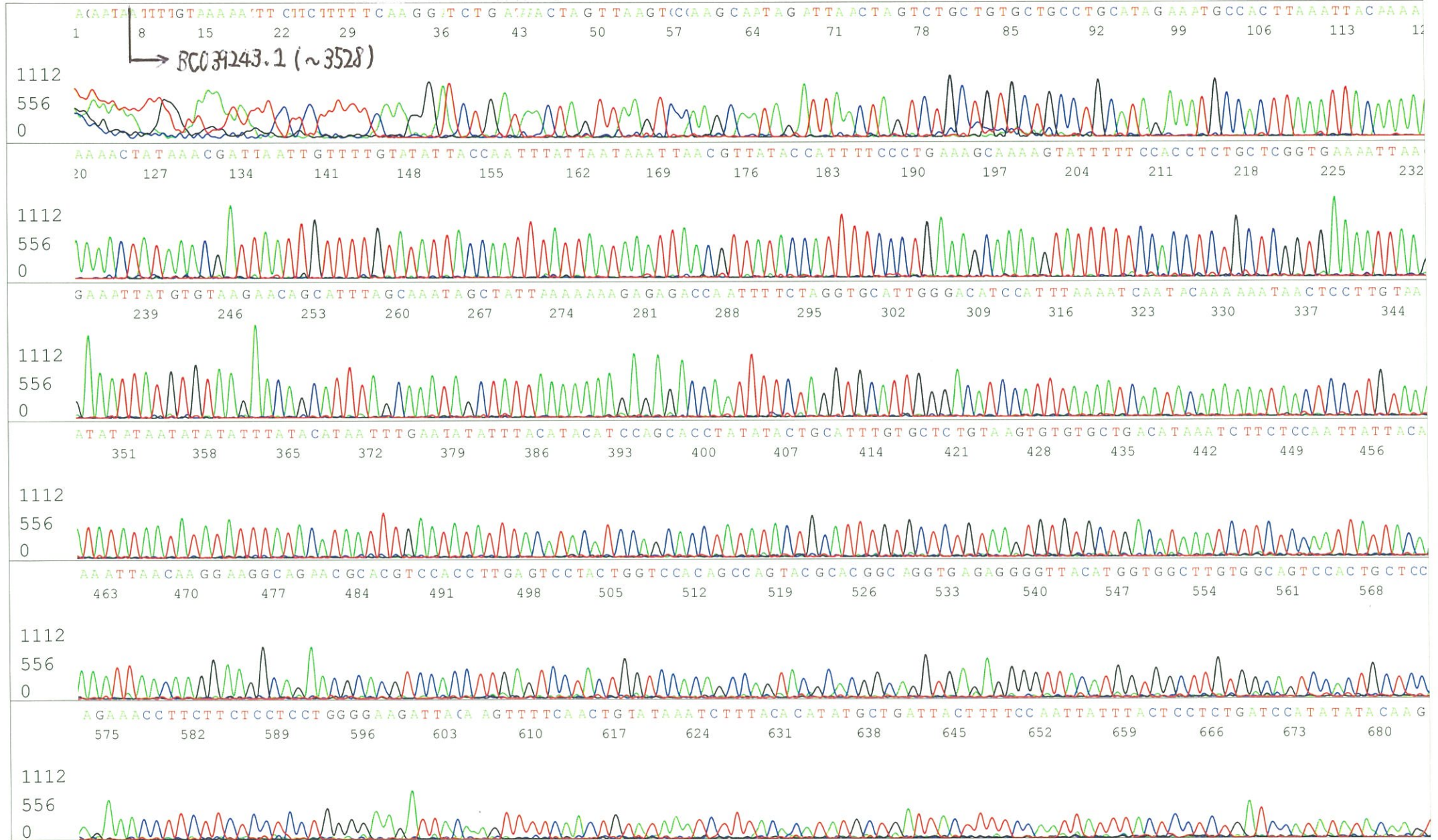


S/N G:7 A:9 T:8 C:7
KB.bcp
KB 1.4.1.8 Cap:16



S/N G:11 A:13 T:11 C:9
KB.bcp
KB 1.4.1.8 Cap:19

Primer C : Poly(A) region primer #0
5' TTTTTTTTTTTTTTTTTTTTTNNN 3'



S/N G:11 A:13 T:11 C:9
KB.bcp
KB 1.4.1.8 Cap:19

